

YASHICA

CARTRIDGE—LOADED
8mm MOVIE CAMERA

25

INSTRUCTION BOOKLET

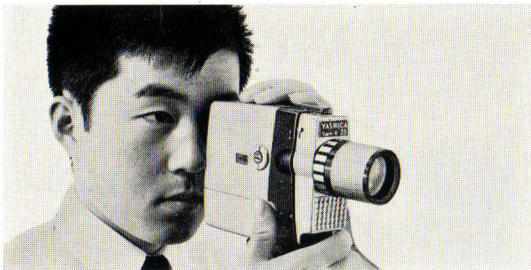




- ① Slip the Super-8 Cartridge into the camera.
The Super-8 cartridge contains 50 feet of new, large-frame, single-run 8mm movie film. With the factory-loaded film cartridge, the film can be loaded even under blazing sunlight.



- ② Film loading is very simple. Just open the cover of the camera, slip in the cartridge and close the cover. That's all.
The film speed and filter setting are automatically controlled.

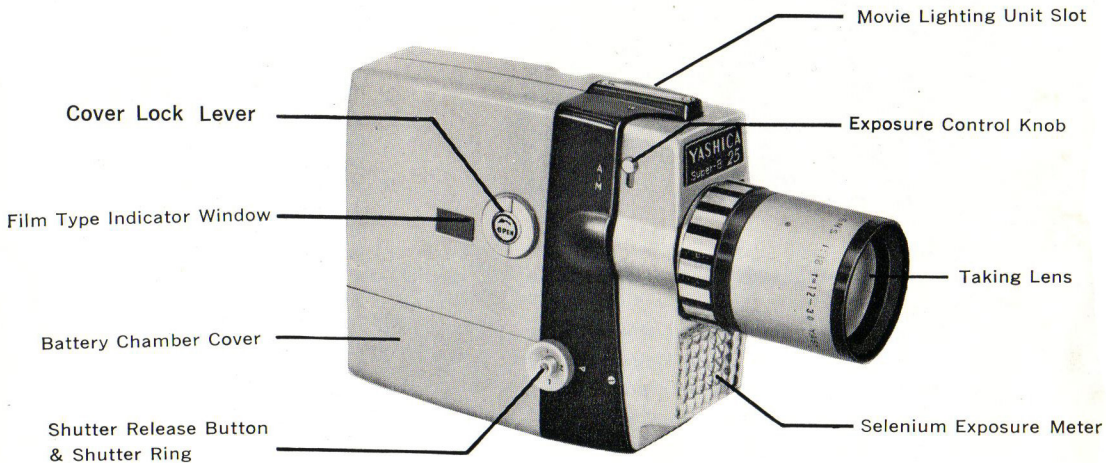


[3] Then, shoot!

The electric-eye automatically sets the precise exposure.

There's no need for focusing as the camera features an ultra-sharp fixed-focus lens. It also features a battery-powered, push-button film-drive. You press the shutter release button and the camera does the rest.

- [1]** The revolutionary, new Super-8 movie cartridge loads instantly -just slip in the cartridge. That's all to film loading.
- [2]** The cartridge is a factory-loaded 50 feet film and, therefore eliminates the mid point flip over.
- [3]** The notch cut into the front edge of the cartridge automatically sets the film speed for the electric-eye of the Super-8 25 and also sets a built-in filter to "on" or "off" position.
- [4]** In the Super-8 8mm movie films, there are daylight type and tungsten type color films with film speeds of ASA 25 and ASA 40.



Zoom Focal Length Indicator Window

Battery Check Button

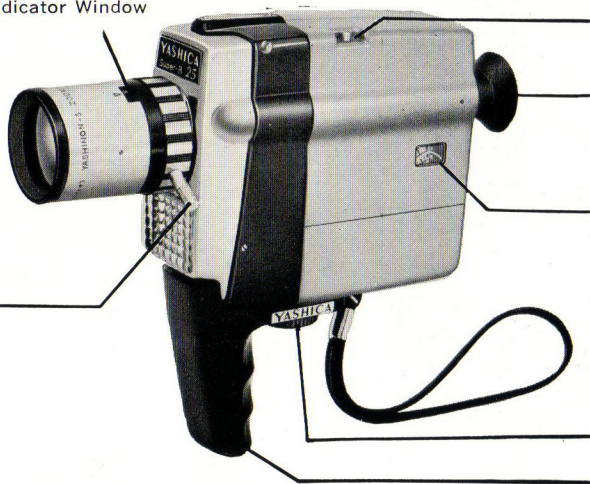
Eyepiece

Footage Counter

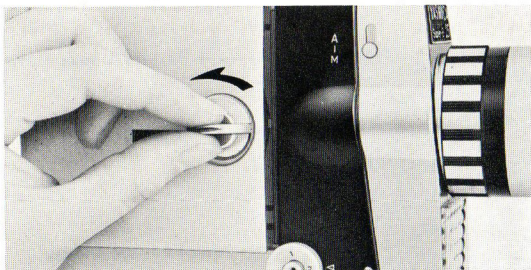
Zooming Lever

Screw for Grip

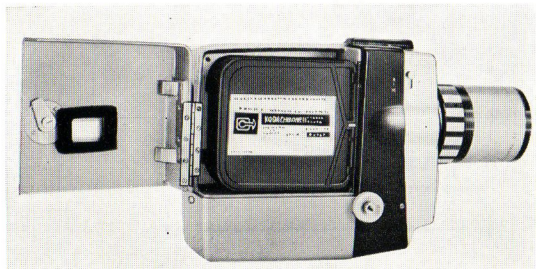
Grip



LOADING

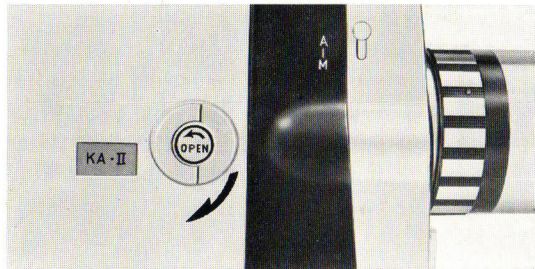


- 1 Open Cover by turning Cover Lock Lever in arrow direction as illustrated.

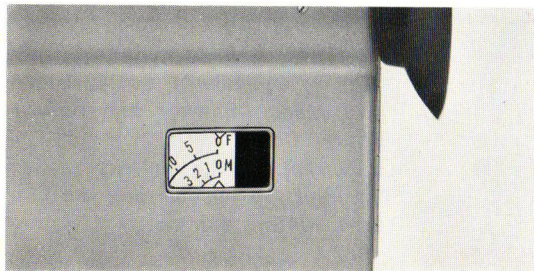


- 2 First, position Locating Slot of the film cartridge at Locating Pin of the camera, lightly press it forward and then down.

When the cartridge is placed in the camera, the film speed is automatically set for the electric-eye of the camera.

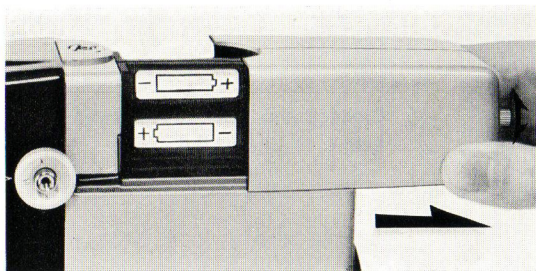


- ③ Close Cover and turn Cover Lock Lever as illustrated.

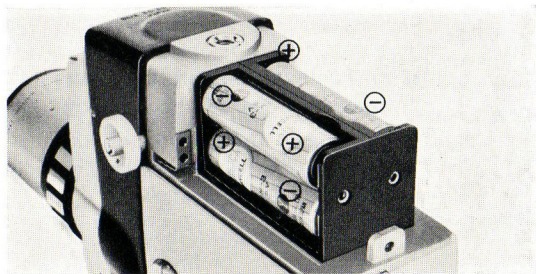


- ④ In Footage Counter, the figure "0" appears. You're now ready for shooting. The length of the exposed film is automatically indicated on Footage Counter.

LOADING BATTERIES

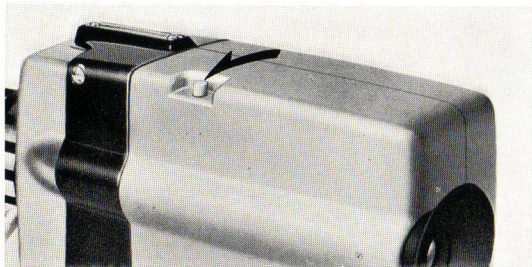


- 1 Turn Battery Chamber Lock Knob and slide Battery Chamber Cover toward the back of the camera.

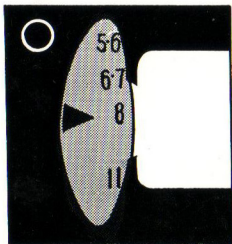


- 2 Insert four penlite batteries (1.5V "AA" or equivalent) as illustrated in Battery Chamber and replace Battery Cover.
Important: If the polarity of the batteries are not correct, the film drive will not operate.

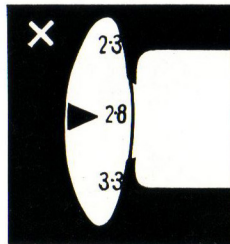
BATTERY CHECK



When the battery power is insufficient, it will not provide standard film speed of 18 f.p.s. Frequently, check battery condition with Tester (f/stop indicator). Looking through the viewfinder, press Battery Check Button at "A" position of Exposure Control Knob.

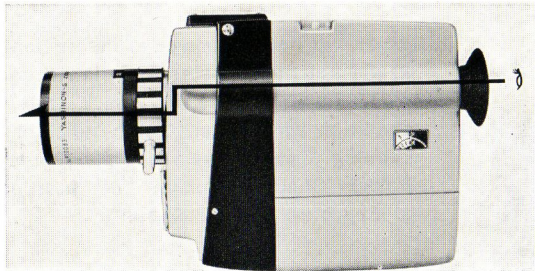


When Battery Tester shows blue, the battery power is sufficient.

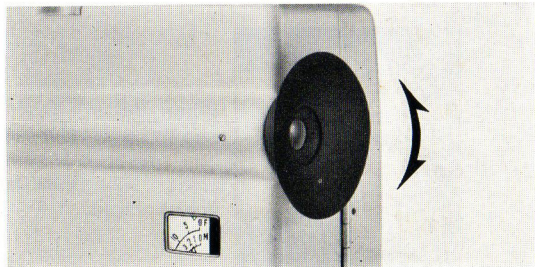


When Battery Tester shows white, the battery power is insufficient. New batteries are required.

VIEWFINDER



Through-the-lens reflex viewing assures you of what you see is what you get on the film... no cropped off heads in close-up to spoil a perfect picture.



Eyepiece adjustable to obtain a clear image.

Exposure Indicator Dial
(Battery Tester)

Exposure Indicator

F/stop

Reflex Viewfinder

5.6

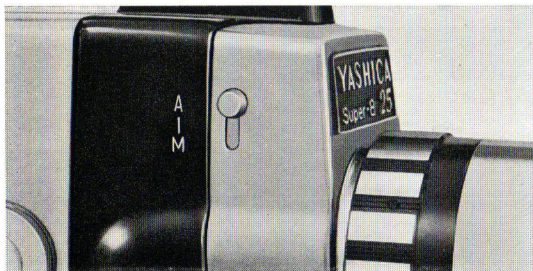
6.7

8

11



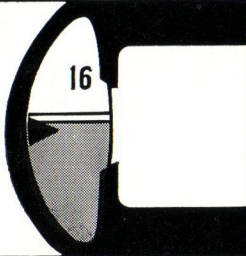
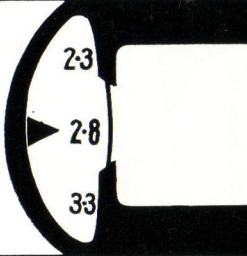
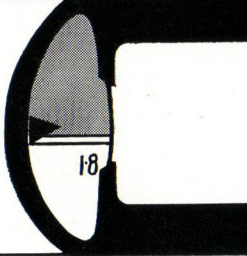
FOR CORRECT EXPOSURE



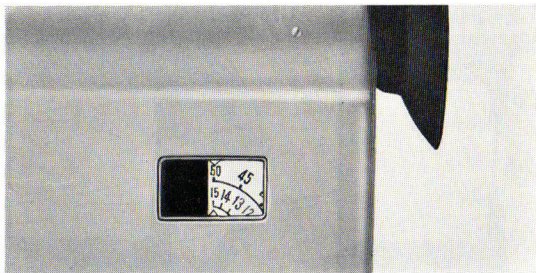
Set Exposure Control knob to the letter "A." All automatic exposure controls are now incorporated and correct exposures will be obtained according to the indicated light conditions.

- * Film speed is automatically set when the notch in the front edge of the cartridge is in position with the pin in the camera.
- * The standard film frame speed is 18 f.p.s.

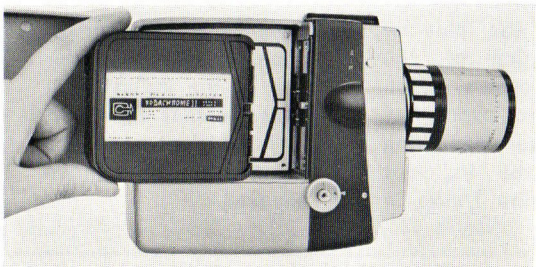
The Exposure Indicator Dial is visible through the viewfinder and shows the exposure conditions.

OVER-EXPOSURE :	CORRECT EXPOSURE :	UNDER-EXPOSURE :
		
<p>When the red portion appears in the lower part of the indicator, it's a warning of over-exposure.</p>	<p>Whenever the blue or white portion of the indicator appears, it indicates correct exposure. The number appearing opposite the indicator indicates the f/stop in use.</p>	<p>When the red portion appears in the upper part of the indicator, it indicates that the light is insufficient and the result will be under-exposed.</p>

UNLOADING



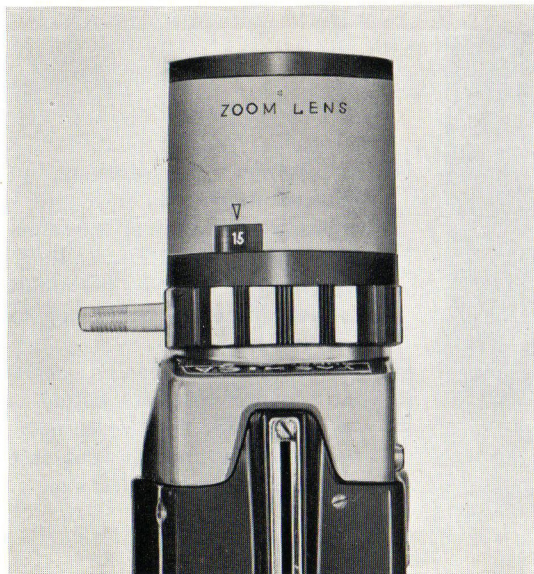
1. When Footage Counter indicates the number 50 (15), it means that you have exposed the entire 50-foot roll.



2. Advance the film until the red portion comes under the red triangle in Footage Counter Window and drop out the exposed cartridge.

Note: When the cartridge is taken out, Footage Counter is automatically reset at "0" position.

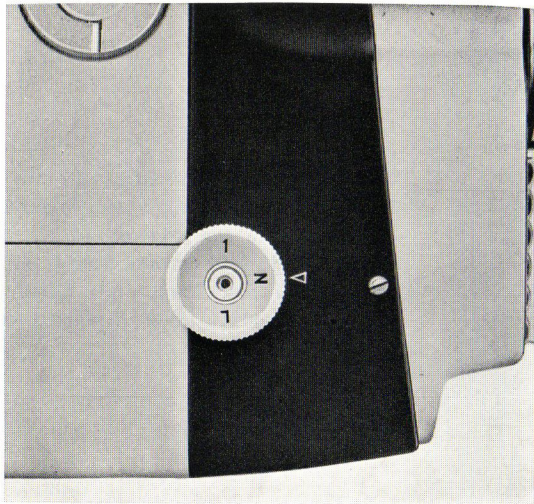
ZOOMING AND FIXED-FOCUS



The Super-8 25 Zooms from 12 mm to 30 mm (2.5 : 1 Ratio) by finger-tip turning of the Zoom Lever.

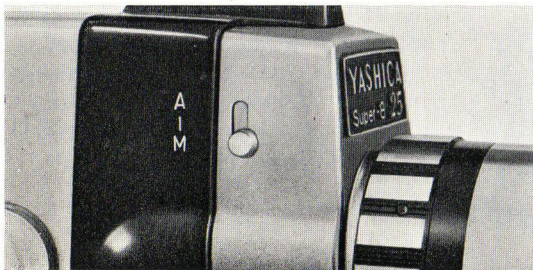
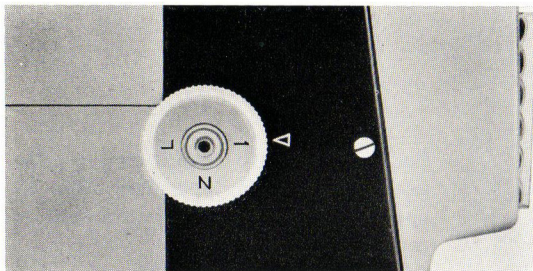
Furthermore, this camera has a ultra-sharp f/1.8 fixed-focus lens assuring you of colorful, crisp movies every time.

SHUTTER RING



- N** In normal picture-taking, turn Shutter Ring until the "N" is opposite the triangle on the camera.
- L** When the "L" of Shutter Ring is opposite the triangle, the shutter release button is locked and cannot be depressed.
- N
↓
L** For continuous exposure, depress the shutter release button on "N" position and while holding the release button depressed, turn the ring to "L" position.

SINGLE FRAME EXPOSURE AND MANUAL EXPOSURE CONTROL



I Single Frame Exposure

Set the figure "I" on the shutter release button ring opposite the triangle and depress the shutter release button. You can expose single frame at a time.

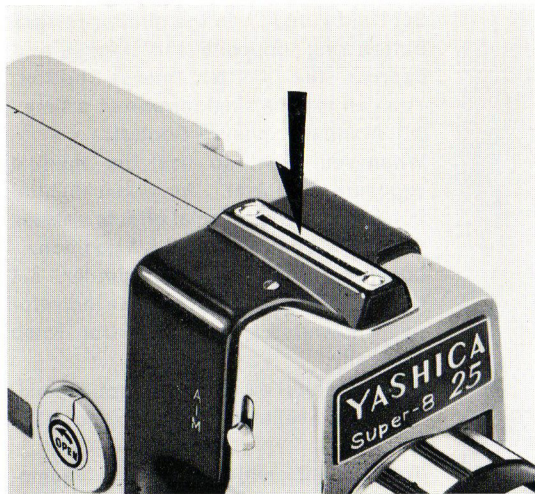
M Manual Exposure Control

When you want to use the manual exposure control for backlighted subjects or other special effects, release Exposure Control from "A" position. Looking through the viewfinder, set the desired f/stop opposite the indicator by moving Exposure Control Knob vertically.

When manual exposure control is used, f/stop is available from f/2.8 to f/16.

The use of cable release is recommended in the single frame exposure and the movie-making with a tripod.

MOVIE LIGHT

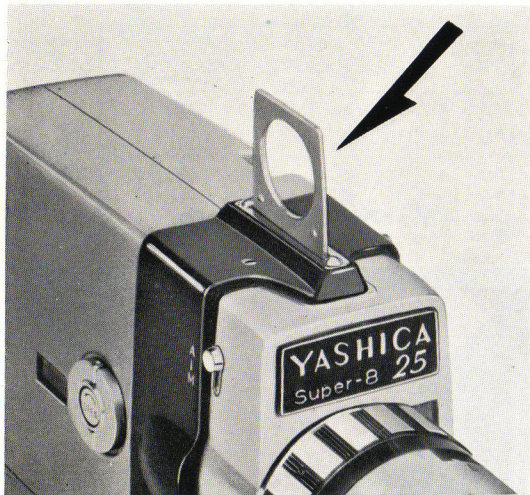


For brilliant, crisp indoor movies, the use of a tungsten type film, ASA 40 speed, together with a movie light is recommended.

Slip Movie Light into the slot in the top of the camera. The movie light will click-stop when it's fully seated.

The built-in type-A filter is automatically removed by inserting the movie light into the slot, and the film speed is automatically set to ASA 40.

FILTER KEY



Filter Key is provided with the camera for insertion in the slot when other types of movie lights are used. Do not carry the camera by means of the movie light or the filter key.

IMPORTANT : When outdoor movies are made, remove the movie light or the filter key from the slot.

DEPTH-OF-FIELD TABLE

1 : 1.8 $f = 12 \sim 30$ mm

Meter

F. No. f/mm		1.8	2.8	4	5.6	8	11	16
12	from to	2.03 5.79	1.72 12.0	1.46 ∞	1.21 ∞	0.969 ∞	0.776 ∞	0.586 ∞
15	from to	2.84 6.79	2.45 11.1	2.10 48.2	1.77 ∞	1.43 ∞	1.16 ∞	0.880 ∞
18	from to	3.69 7.77	3.22 11.3	2.80 24.5	2.38 ∞	1.95 ∞	1.59 ∞	1.22 ∞
24	from to	4.17 6.25	3.82 7.26	3.47 9.00	3.09 13.3	2.66 46.8	2.27 ∞	1.82 ∞
30	from to	5.21 7.09	4.85 7.88	4.48 9.10	4.07 11.5	3.58 19.0	3.12 10.6	2.56 ∞

Feet

F. No. f/mm		1.8	2.8	4	5.6	8	11	16
12	from to	6' 8" 19' 0"	5' 8" 39' 6"	4' 9" ∞	4' 0" ∞	3' 2" ∞	2' 7" ∞	1' 11" ∞
15	from to	9' 4" 22' 3"	8' 0" 36' 6"	6' 11" 158' 2"	5' 10" ∞	4' 8" ∞	3' 10" ∞	2' 11" ∞
18	from to	12' 1" 25' 6"	10' 7" 36' 11"	9' 2" 80' 3"	7' 10" ∞	6' 5" ∞	5' 3" ∞	4' 0" ∞
24	from to	13' 8" 20' 6"	12' 6" 23' 10"	11' 5" 29' 7"	10' 2" 43' 7"	8' 9" 153' 8"	7' 5" ∞	6' 0" ∞
30	from to	17' 1" 23' 3"	15' 11" 25' 10"	14' 8" 29' 10"	13' 4" 37' 9"	11' 9" 62' 4"	10' 3" 347' 2"	8' 5" ∞

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